

AMENDMENTS TO THE CLAIMS

Please cancel claims 2, 4, 10, 11, 12, 13, 15 and 16 without prejudice or disclaimer of the subject matter set forth therein.

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of claims:

1-2. (canceled)

3. (previously presented) An aluminum sheet material for automobiles, which has an aluminum alloy composition consisting of between more than 2.6 wt% and 5 wt% of Si, 0.2 to 0.8 wt% of Mg, 0.2 to 1.5 wt% of Zn, 0.2 to 1.5 wt% of Cu, 0.2 to 1.5 wt% of Fe, and between 0.05 and less than 0.6 wt% of Mn, and one or more members selected from the group consisting of 0.01 to 0.2 wt% of Cr, 0.01 to 0.2 wt% of Ti, 0.01 to 0.2 wt% of Zr, and 0.01 to 0.2 wt% of V, with the balance of aluminum and unavoidable impurities, wherein the aluminum sheet material is obtained by the method comprising:

melting the aluminum alloy;

casting the aluminum alloy;

homogenizing the aluminum alloy;

hot-rolling the aluminum alloy;

cold-rolling the aluminum alloy;
annealing the aluminum alloy; and
cooling the aluminum alloy at 3°C/sec or above,
thereby obtaining the aluminum sheet material for automobiles,
and wherein a percent reduction is 98% or above in the
production of the aluminum sheet material for automobiles.

4-8. (canceled)

9. (currently amended) A method of producing an aluminum sheet material for automobiles containing an aluminum alloy composition which consists of between more than 2.6 wt% and 5 wt% of Si, 0.2 to 0.8 wt% of Mg, 0.2 to 1.5 wt% of Zn, 0.2 to 1.5 wt% of Cu, 0.2 to 1.5 wt% of Fe, and between 0.05 and less than 0.6 wt% of Mn, and one or more members selected from the group consisting of 0.01 to 0.2 wt% of Cr, 0.01 to 0.2 wt% of Ti, 0.01 to 0.2 wt% of Zr, and 0.01 to 0.2 wt% of V, with the balance ~~of~~ being aluminum and unavoidable impurities,

wherein said method comprises the steps of:

melting the aluminum alloy;
casting the aluminum alloy;
homogenizing the aluminum alloy;
hot-rolling the aluminum alloy;
cold-rolling the aluminum alloy;

annealing the aluminum alloy; and
cooling the aluminum alloy at 3°C/sec or above,
thereby obtaining the aluminum sheet material
and wherein a percent reduction is 98% or above in the
production of the aluminum sheet material for automobiles.

10-13. (canceled).

14. (previously presented) An aluminum alloy sheet material, which comprises 3.95 to 5 wt% of Si, 0.2 to 0.8 wt% of Mg, 0.2 to 1.5 wt% of Zn, 0.2 to 1.5 wt% of Cu, 0.2 to 1.5 wt% of Fe, and between 0.05 and less than 0.6 wt% of Mn, and further comprising one or more members selected from the group consisting of 0.01 to 0.2 wt% of Cr, 0.01 to 0.2 wt% of Ti, 0.01 to 0.2 wt% of Zr, and 0.01 to 0.2 wt% of V, with the balance being aluminum and unavoidable impurities.

15-16. (canceled).

17. (new) The aluminum alloy sheet material according to Claim 14, wherein the aluminum alloy sheet material comprises automobile aluminum parts scraps as at least a part of raw materials for the aluminum alloy.

18. (new) The aluminum alloy sheet material according to Claim 14, wherein the aluminum alloy sheet material is excellent in resistance to impact energy and excellent in bending property.

19. (new) The aluminum alloy sheet material according to Claim 14, wherein the tensile strength is in the range of 274 MPa to 303 MPa.

20. (new) A method of producing an aluminum alloy sheet material for automobile containing an aluminum alloy composition, which comprises 3.95 to 5 wt% of Si, 0.2 to 0.8 wt% of Mg, 0.2 to 1.5 wt% of Zn, 0.2 to 1.5 wt% of Cu, 0.2 to 1.5 wt% of Fe, and between 0.05 and less than 0.6 wt% of Mn, and further comprising one or more members selected from the group consisting of 0.01 to 0.2 wt% of Cr, 0.01 to 0.2 wt% of Ti, 0.01 to 0.2 wt% of Zr, and 0.01 to 0.2 wt% of V, with the balance being aluminum and unavoidable impurities, wherein said method comprises the steps of:

melting the aluminum alloy;

casting the aluminum alloy;

homogenizing the aluminum alloy;

hot-rolling the aluminum alloy;

cold-rolling the aluminum alloy;

annealing the aluminum alloy; and

cooling the aluminum alloy at 3°C/sec or above, thereby obtaining the aluminum sheet material and wherein a percent reduction is 98% or above in the production of the aluminum sheet material for automobiles.